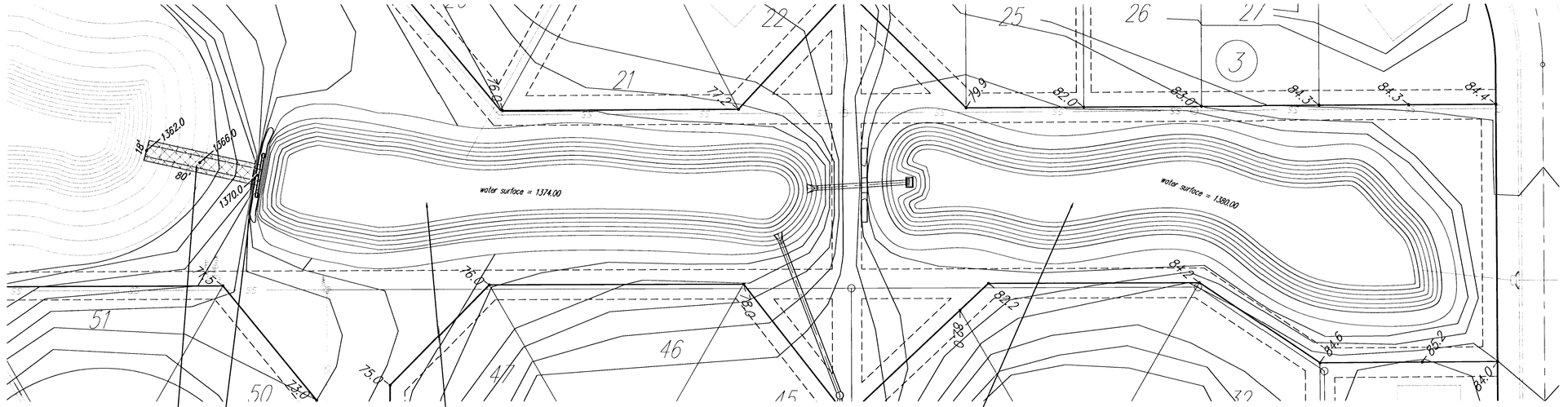
SCALE 1" = 40'



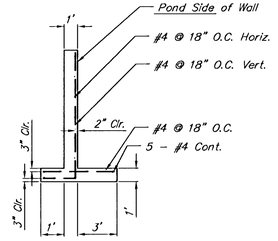
INSTALL 160 S.Y. MACCAFERRI RENO MATTRESS OR APPROVED EQUAL. L = 9' W = 6' H = 9"

CONSTRUCT WEIR WALL, SEE DETAILS THIS SHEET

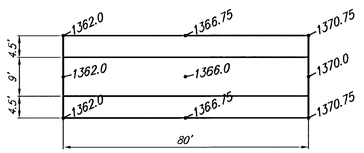
DETENTION POND #1 DATA
Weir Top Elev. = 1376.0
Pond Bottom Elev. = 1368.0
100 Year Water Surface = 1375.2
Static Pool = 1374.0
10:1 Side Slopes Above Static Pool
3:1 Side Slopes Below Static Pool

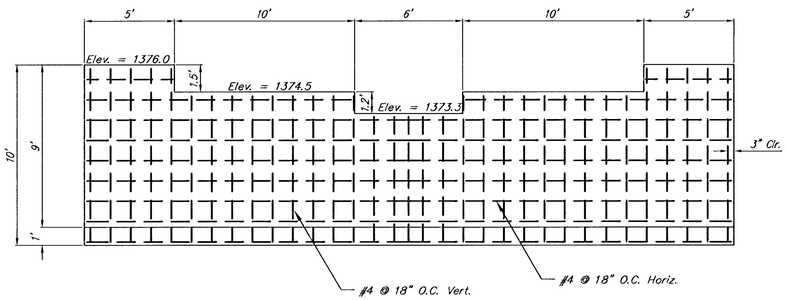
DETENTION POND #2 DATA
Outlet Structure Elev. = 1380.0
Pond Bottom Elev. = 1374.0
100 Year Water Surface = 1381.0
Static Pool = 1380.0
10:1 Side Slopes Above Static Pool
3:1 Side Slopes Below Static Pool

NOTE: THE POND BOTTOM AND SIDES ARE TO BE SCARIFIED A MINIMUM OF 8 INCHES, MOISTURE CONDITIONED AND RECOMPACTED TO A MINIMUM OF 95 PERCENT OF STANDARD PROCTOR DENSITY (ASTM D-698) FROM MINUS 3 TO PLUS 3 PERCENT OF OPTIMUM MOISTURE CONTENT. ADDITIONALLY, ALL GYPSUM/CALICHE SEAMS, SANDY CLAY AND CLAY SHALE ENCOUNTERED SHOULD BE OVER-EXCAVATED A MINIMUM OF 1 FOOT AND REPLACED WITH CLAY.

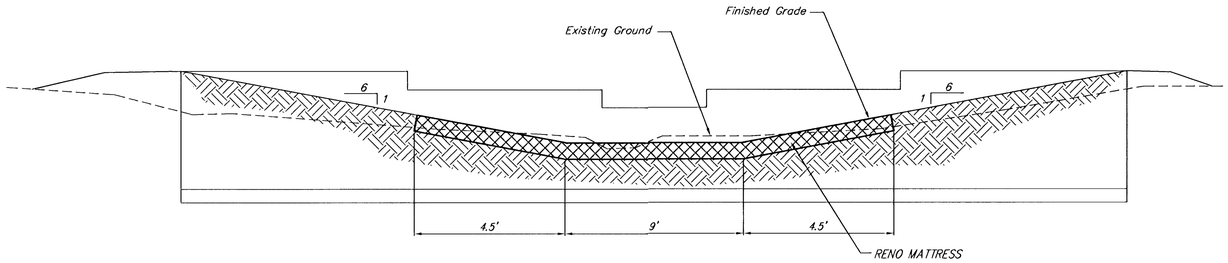


SIDE VIEW

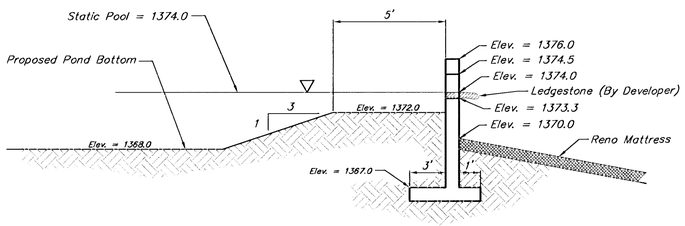




POND #1 WEIR WALL DETAIL



POND #1 WEIR WALL GRADING DETAIL
N.T.S.



SIDE VIEW GRADING DETAIL

BRENTWOOD SOUTH ADDITION
POND PLAN and WEIR WALL DETAILS
WICHITA, KANSAS

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DESIGN KWL
DRAWN RA
REVIEW
UTILITY
DATE June 23, 2003
RB JOB 2XXE
SHEET 15 OF 36
DRAWING FILE pond plan {wier wall}
PROJECT NUMBER 472-83445